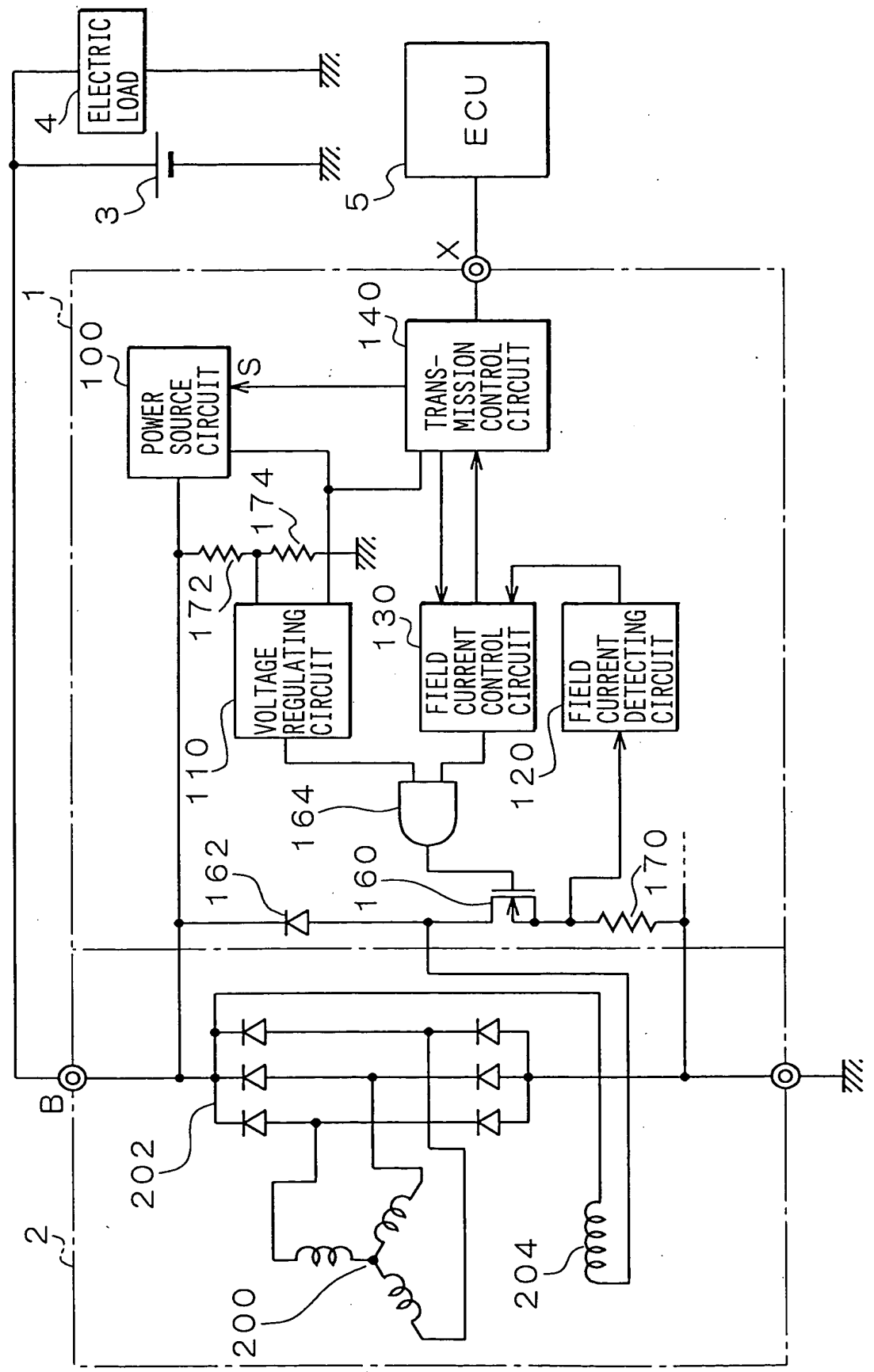
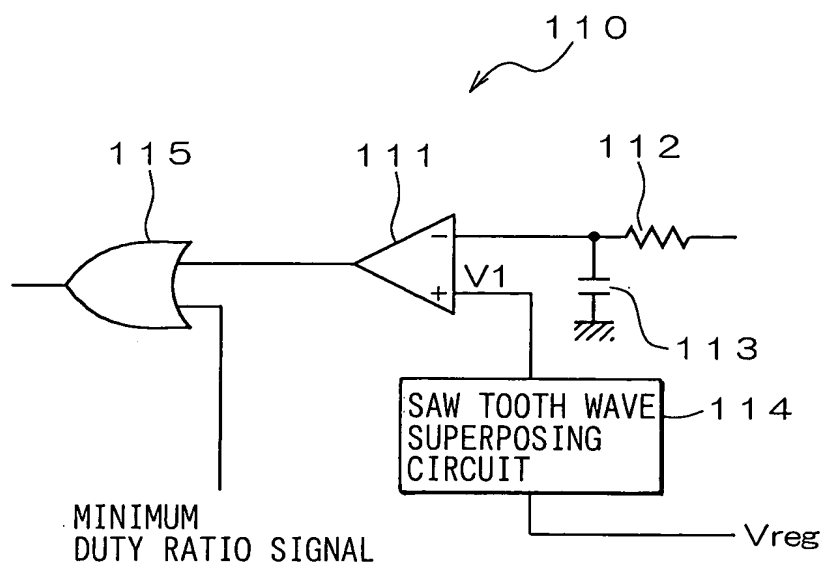


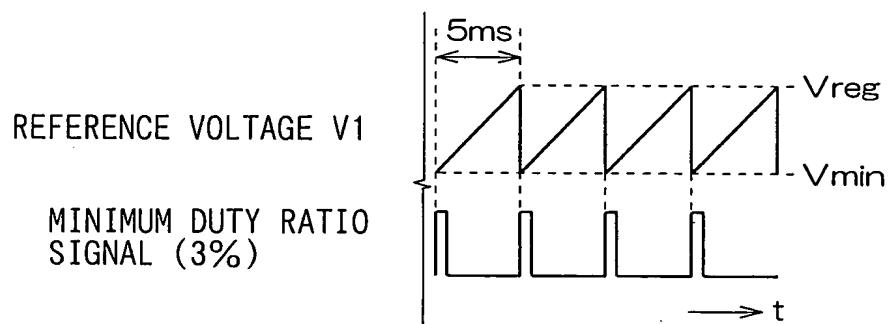
The diagram illustrates a power supply system (1) for an electric load (4). The system includes a power source circuit (100) connected to the electric load (4) via a switch (3). The power source circuit (100) is connected to a voltage regulating circuit (110) and a field current control circuit (120). The voltage regulating circuit (110) includes a resistor (172) and a diode (162). The field current control circuit (120) includes a diode (164) and a transistor (160). The field current control circuit (120) is connected to a field current detecting circuit (130). The field current detecting circuit (130) includes a resistor (170). The field current control circuit (120) is also connected to a transmission control circuit (140). The transmission control circuit (140) is connected to an ECU (5) via a signal line (X). The system also includes a power source (200) and a power source (204) connected to the field current control circuit (120) and the field current detecting circuit (130) respectively.



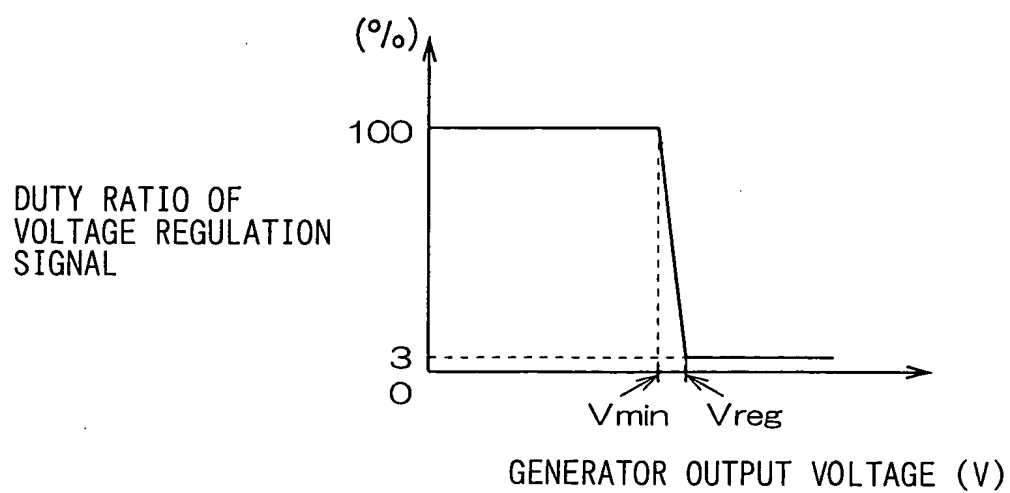
**FIG. 2**



**FIG. 3**



**FIG. 4**



**FIG. 5**

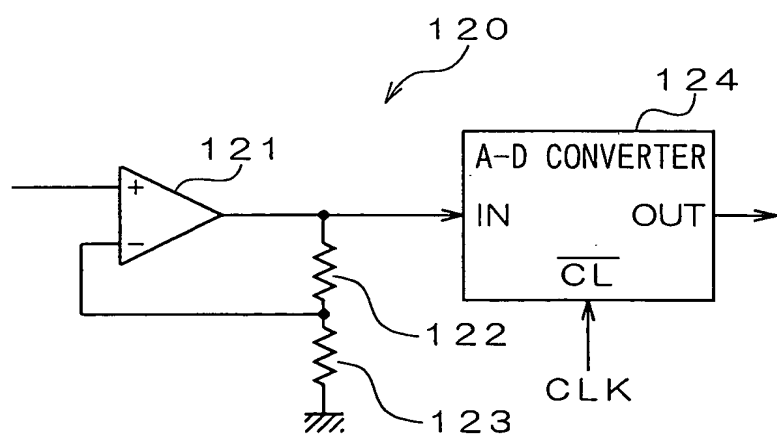


FIG. 6

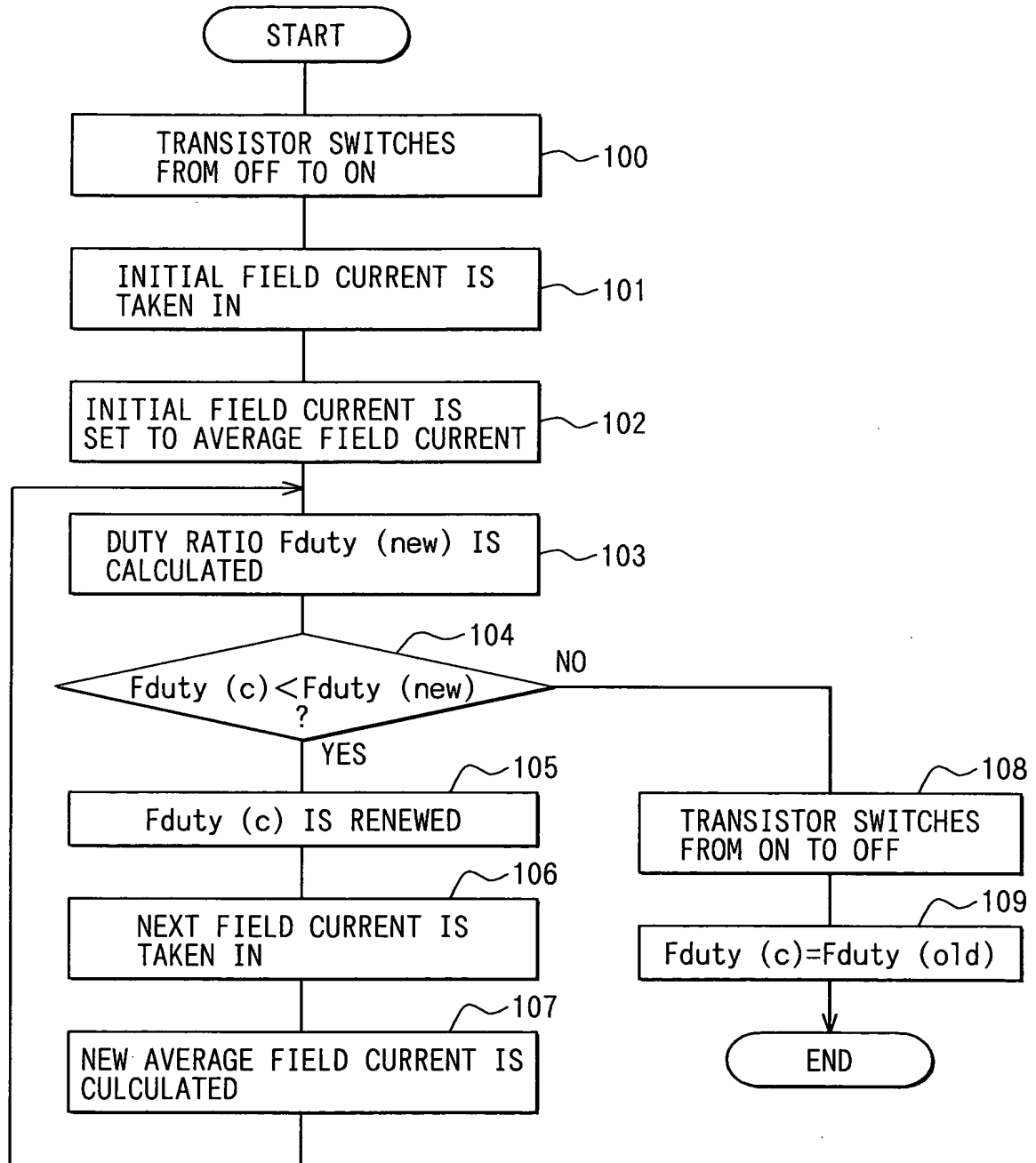
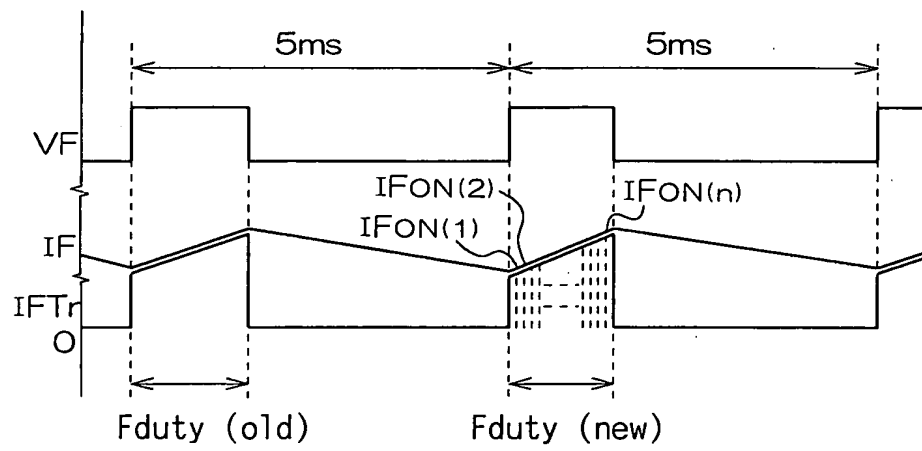
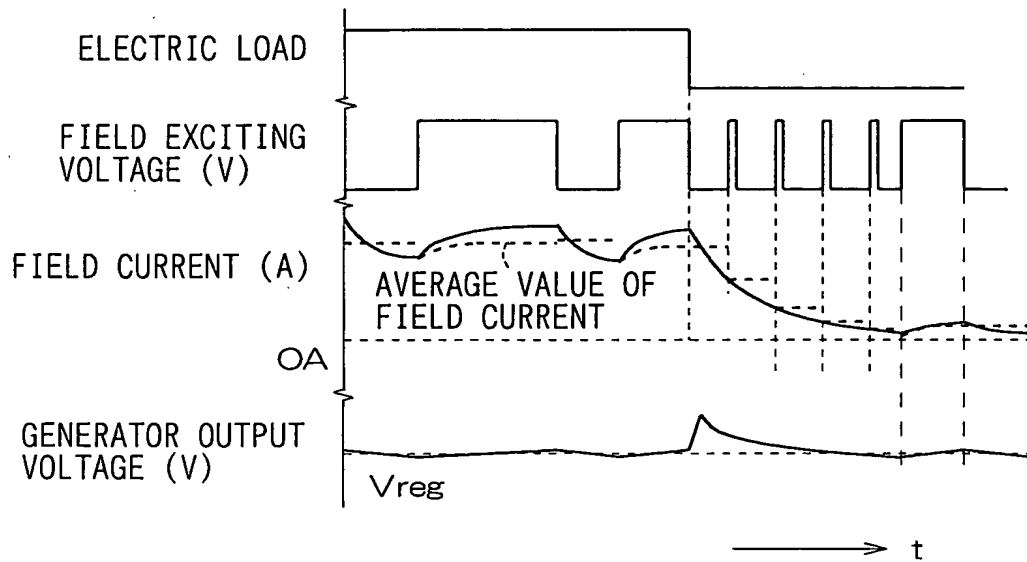


FIG. 7



**FIG. 8**



**FIG. 9** PRIOR ART

